Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
Data File : BG028940.D
Acq On : 26 Sep 2017 12:28
Operator : SJ/JU
Sample : I5385-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 26 13:43:05 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 12:06:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	23200	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	91159	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	69853	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	220943	20.00	ng	0.00
75) Chrysene-d12	21.97	240	263258	20.00	ng	0.00
86) Perylene-d12	25.42	264	271716	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	71237	50.67	ng	0.00
7) Phenol-d6	7.44	99	61314	28.96	ng	0.00
23) Nitrobenzene-d5	9.45	82	205868	108.03	ng	0.00
41) 2,4,6-Tribromophenol	16.38	330	146178	126.53	ng	0.00
44) 2-Fluorobiphenyl	13.52	172	554540	105.86	ng	0.00
78) Terphenyl-d14	20.23	244	1346934	109.11	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.61	79	3951	2.391	ng	# 63
32) Benzoic acid	10.61	122	65	6.135	ng	# 1
53) 2,4-Dinitrophenol	15.17	184	63	8.084	ng	# 15

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

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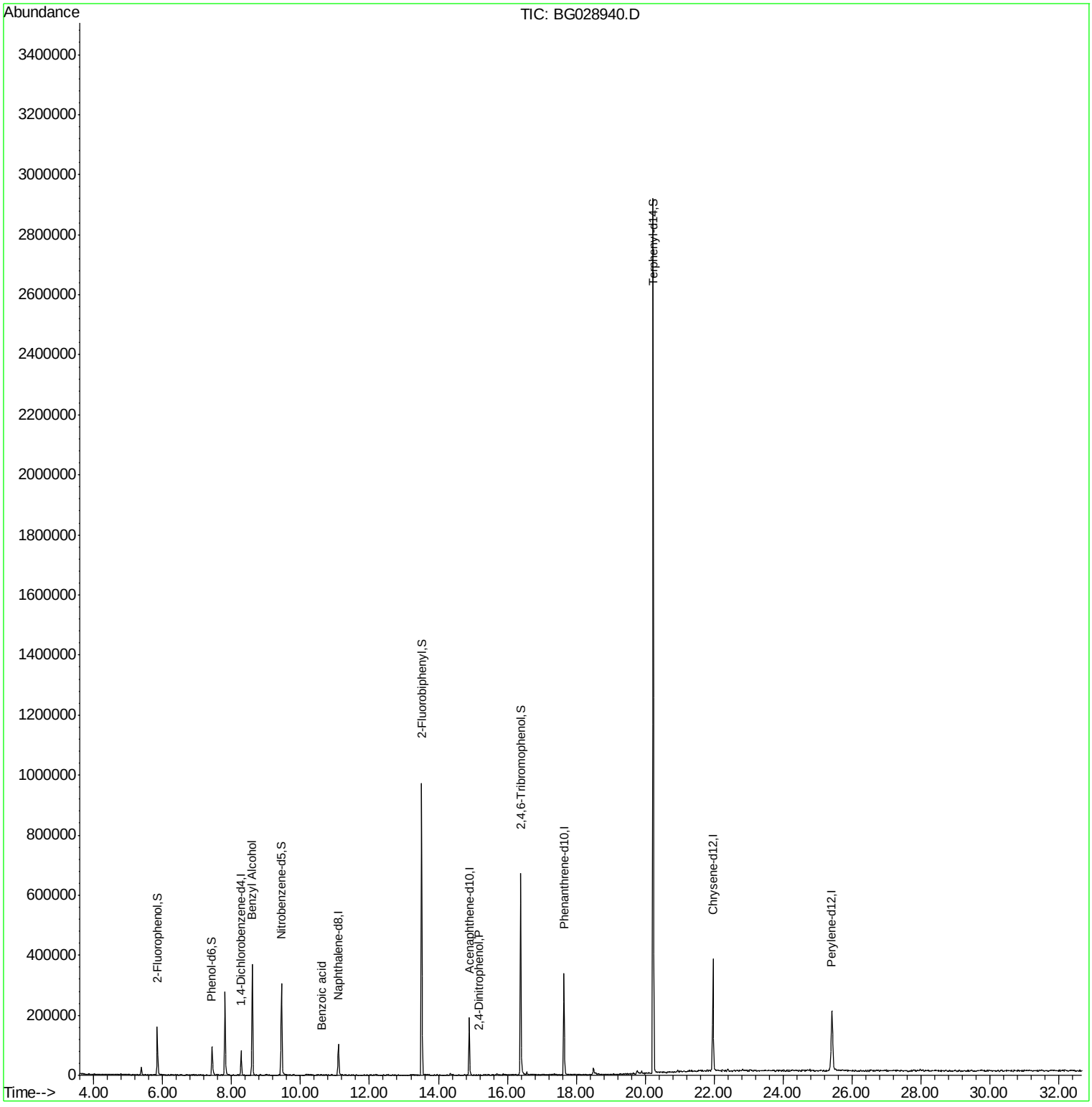
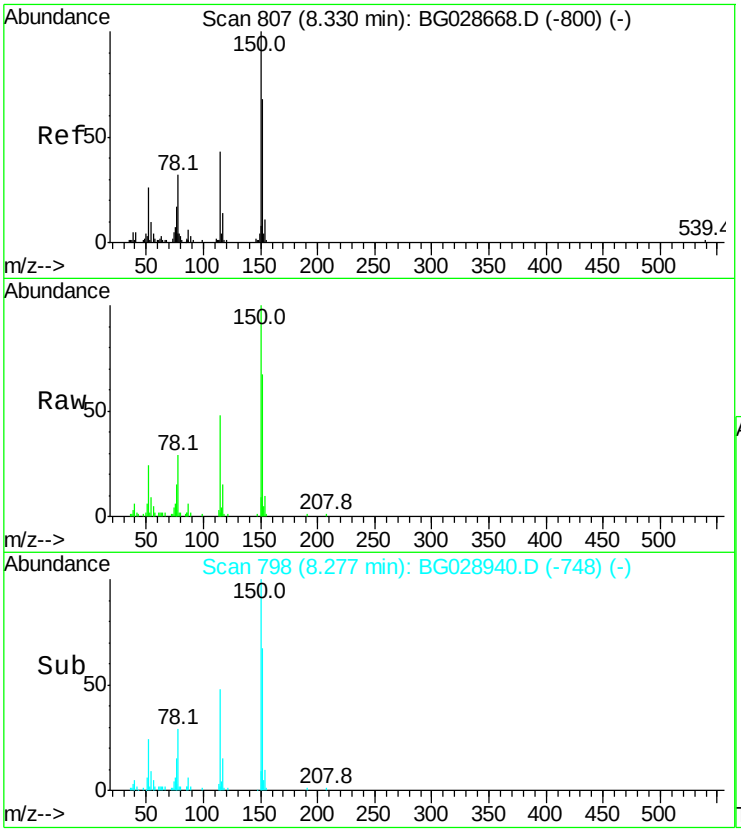


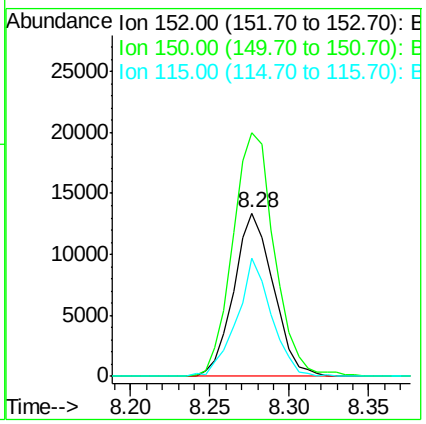


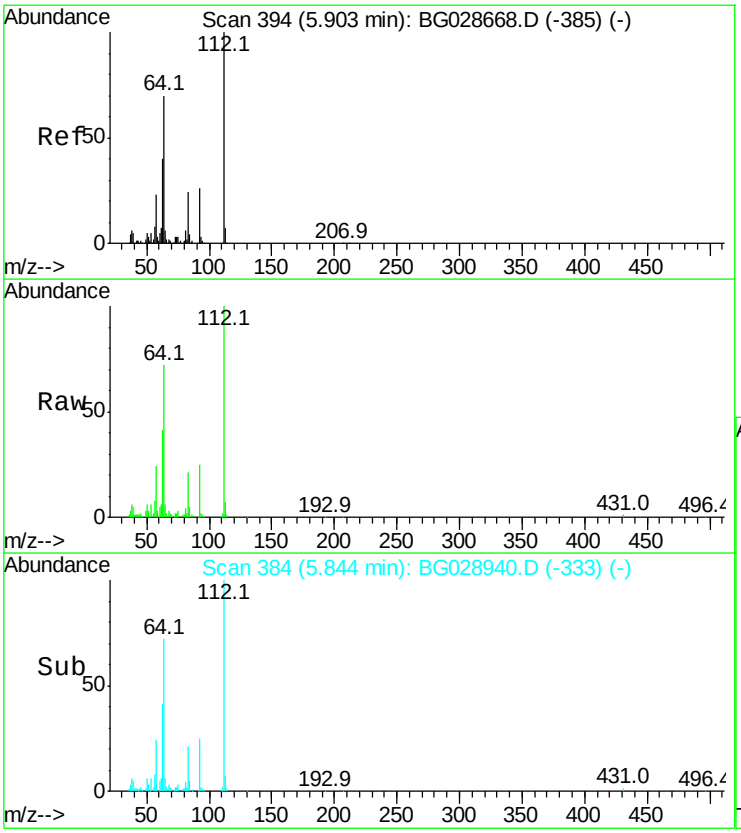
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.01 min
Lab File: BG028940.D
Acq: 26 Sep 2017 12:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 23200

Ion	Ratio	Lower	Upper
152	100		
150	149.1	114.0	171.0
115	72.0	48.1	72.1

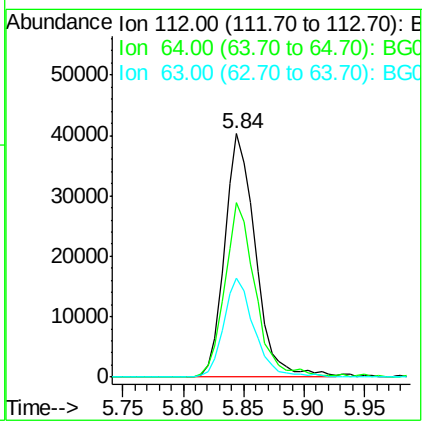


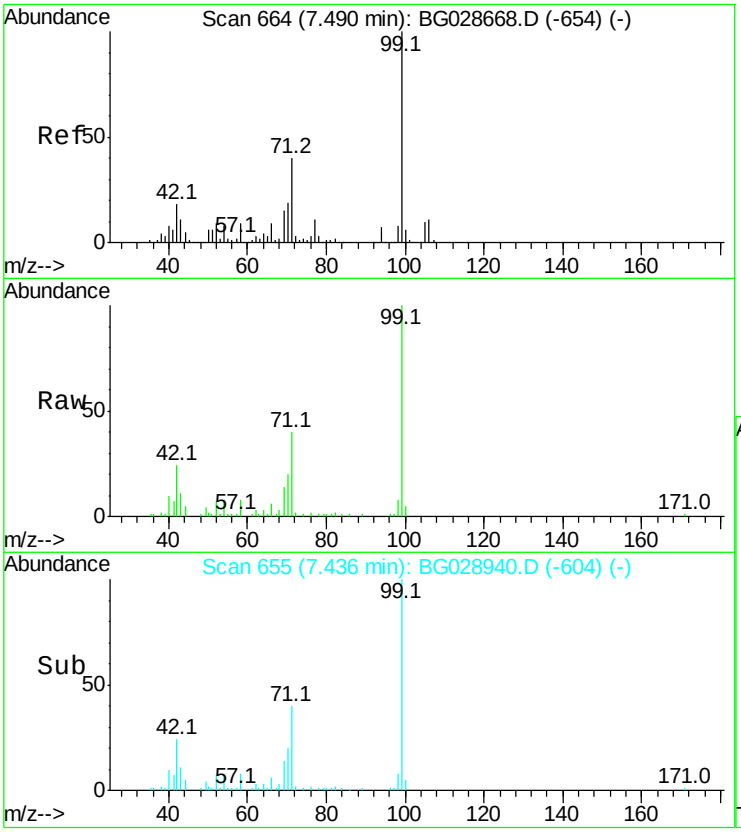


#5
2-Fluorophenol
Concen: 50.666 ng
RT: 5.84 min Scan# 384
Delta R.T. 0.00 min
Lab File: BG028940.D
Acq: 26 Sep 2017 12:28

Tgt Ion:112 Resp: 71237

Ion	Ratio	Lower	Upper
112	100		
64	71.6	61.8	92.6
63	40.8	37.2	55.8



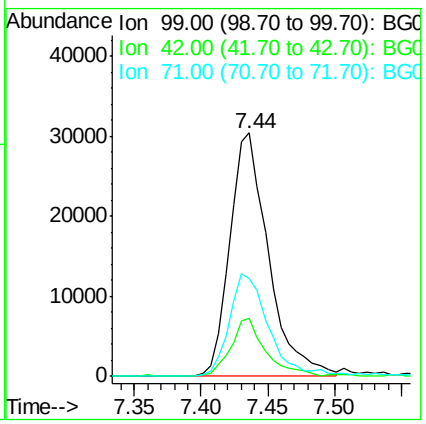


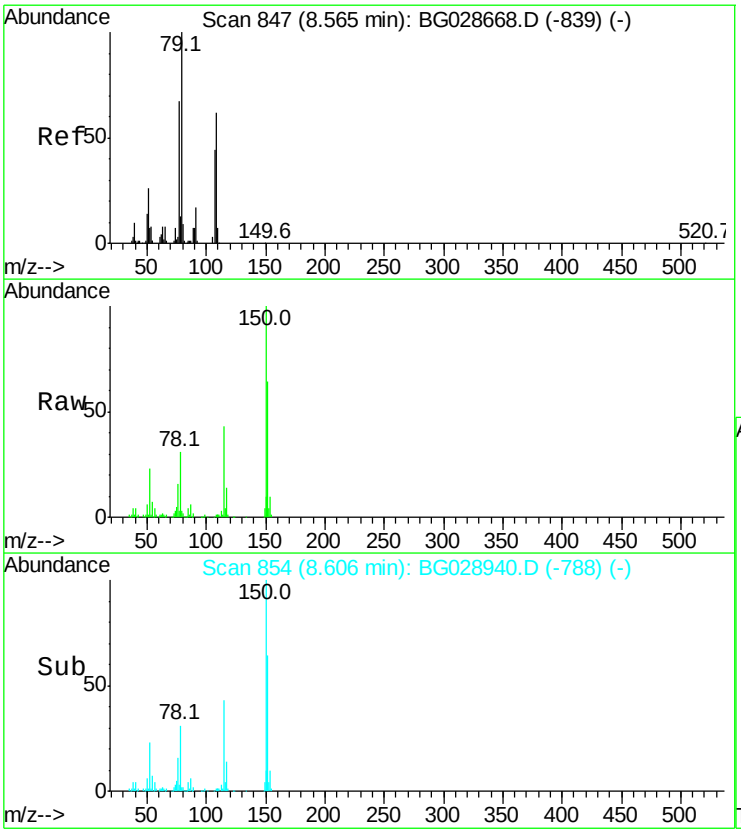
#7
Phenol-d6
Concen: 28.964 ng
RT: 7.44 min Scan# 655
Delta R.T. 0.00 min
Lab File: BG028940.D
Acq: 26 Sep 2017 12:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 61314

Ion	Ratio	Lower	Upper
99	100		
42	23.6	20.5	30.7
71	40.1	37.6	56.4

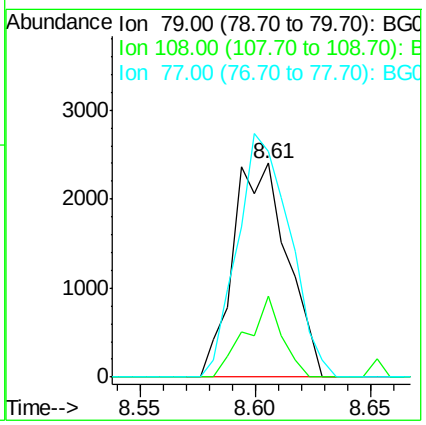


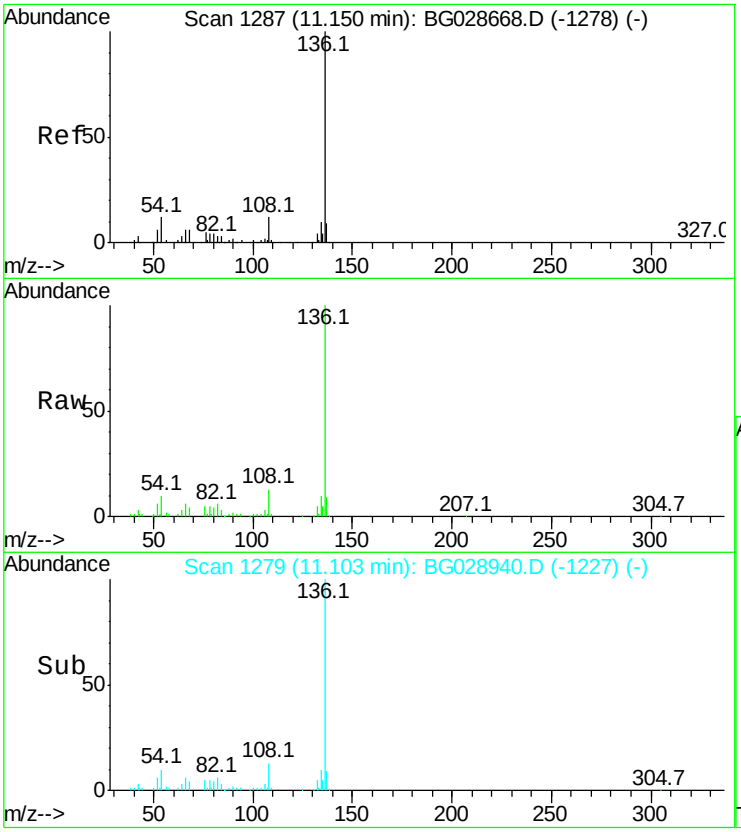


#15
Benzyl Alcohol
Concen: 2.391 ng
RT: 8.61 min Scan# 854
Delta R.T. 0.09 min
Lab File: BG028940.D
Acq: 26 Sep 2017 12:28

Tgt Ion: 79 Resp: 3951

Ion	Ratio	Lower	Upper
79	100		
108	37.9	45.5	68.3#
77	105.2	54.3	81.5#



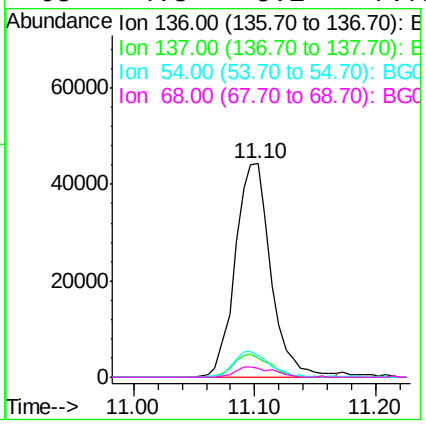


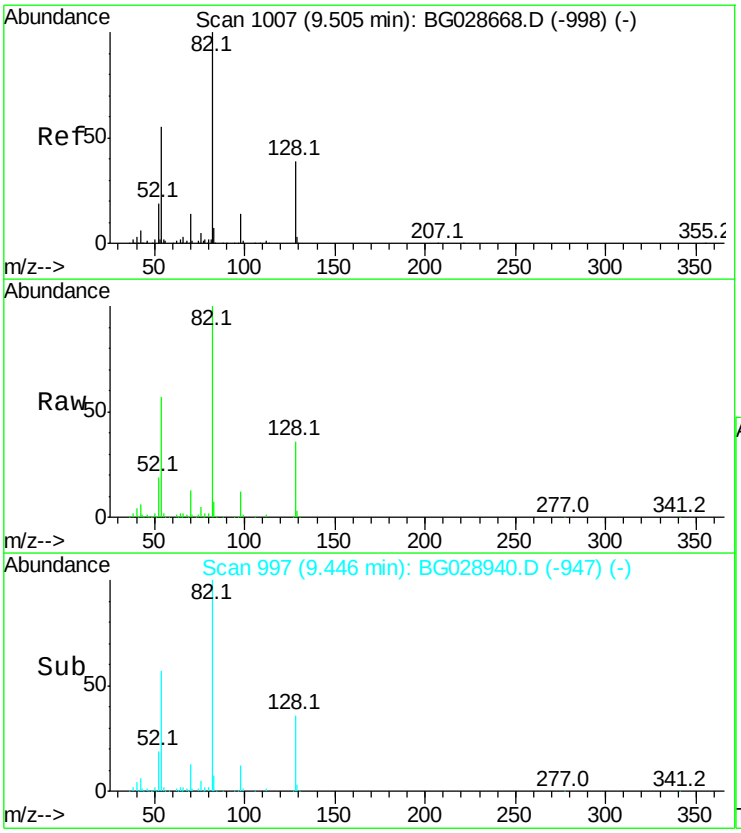
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.10 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BG028940.D
Acq: 26 Sep 2017 12:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 91159

Ion	Ratio	Lower	Upper
136	100		
137	9.2	8.9	13.3
54	10.4	9.3	13.9
68	4.3	5.1	7.7#

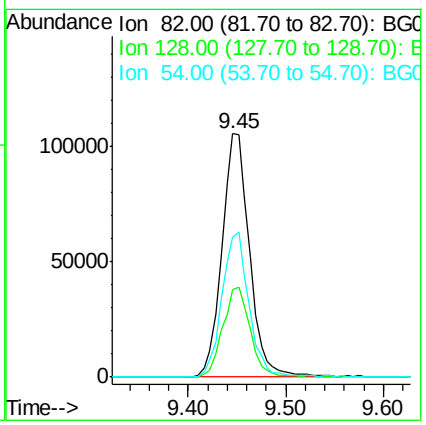


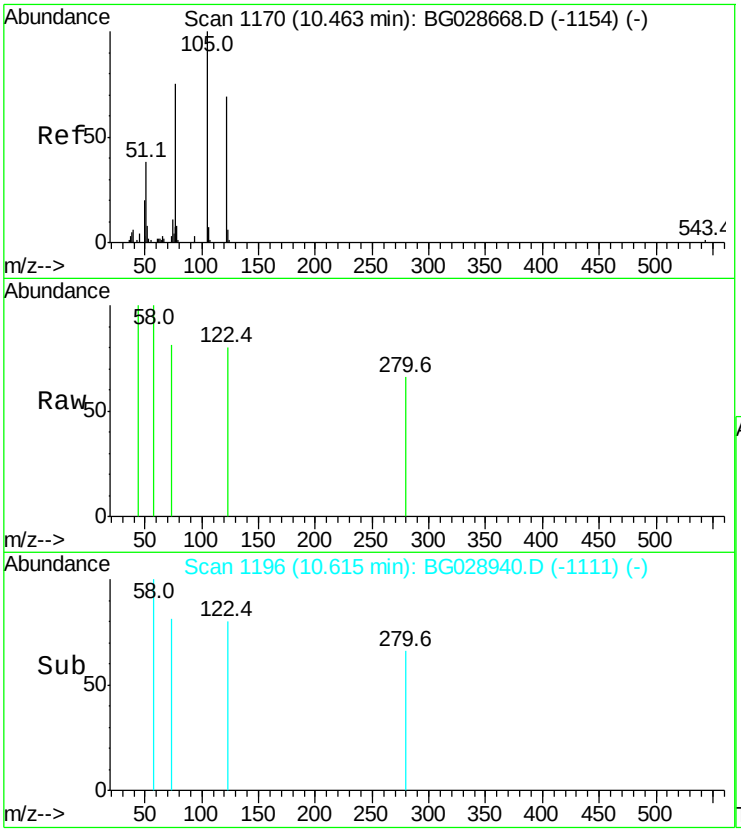


#23
Nitrobenzene-d5
Concen: 108.033 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG028940.D
Acq: 26 Sep 2017 12:28

Tgt Ion: 82 Resp: 205868

Ion	Ratio	Lower	Upper
82	100		
128	35.9	26.4	39.6
54	57.3	49.4	74.2



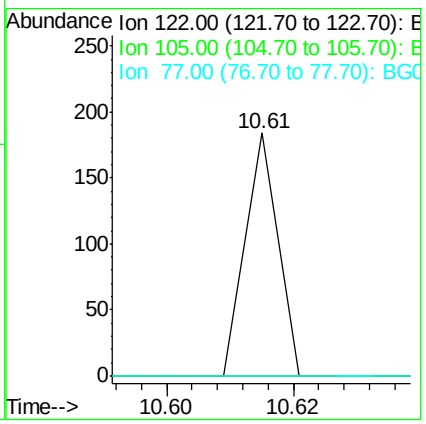


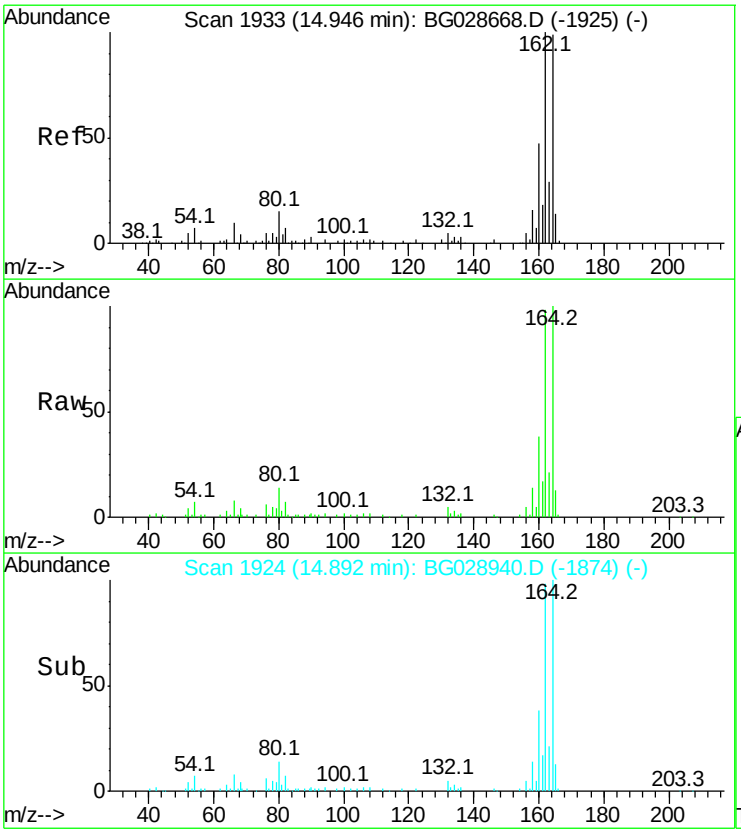
#32
Benzoic acid
Concen: 6.135 ng
RT: 10.61 min Scan# 1196
Delta R.T. 0.20 min
Lab File: BG028940.D
Acq: 26 Sep 2017 12:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 65

Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#

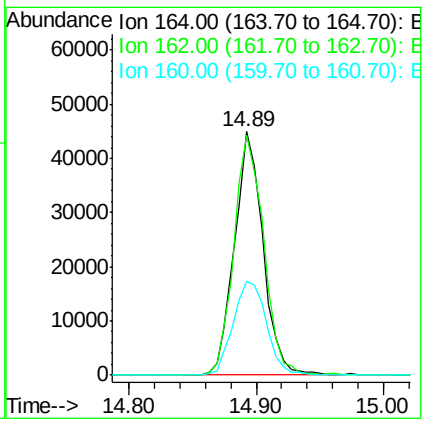


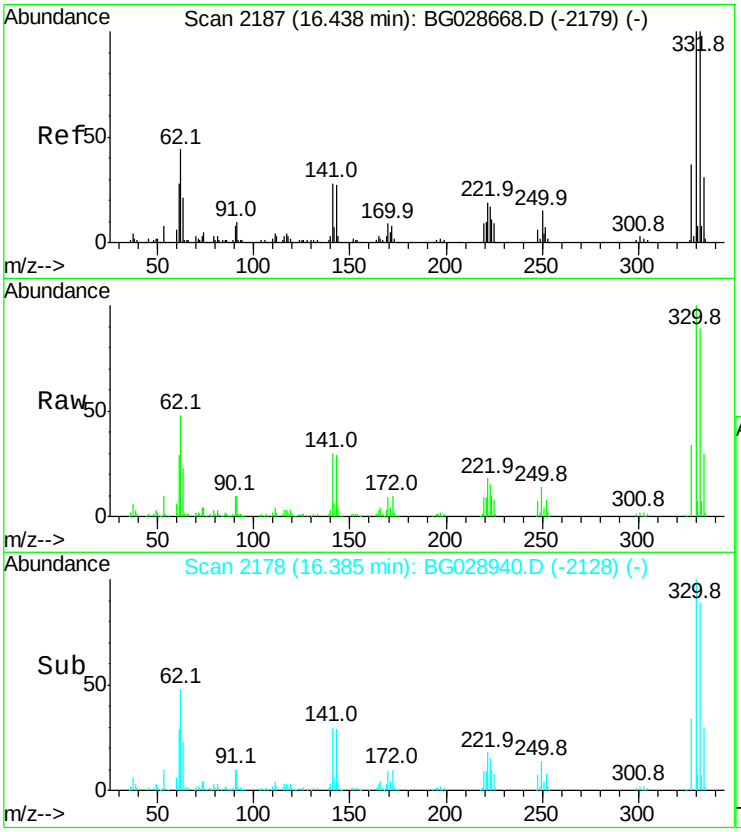


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BG028940.D
Acq: 26 Sep 2017 12:28

Tgt Ion:164 Resp: 69853

Ion	Ratio	Lower	Upper
164	100		
162	98.3	85.1	127.7
160	38.4	34.7	52.1



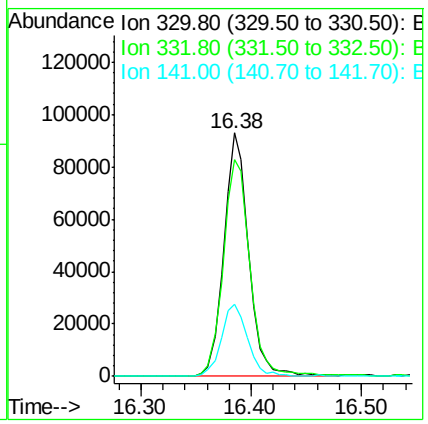


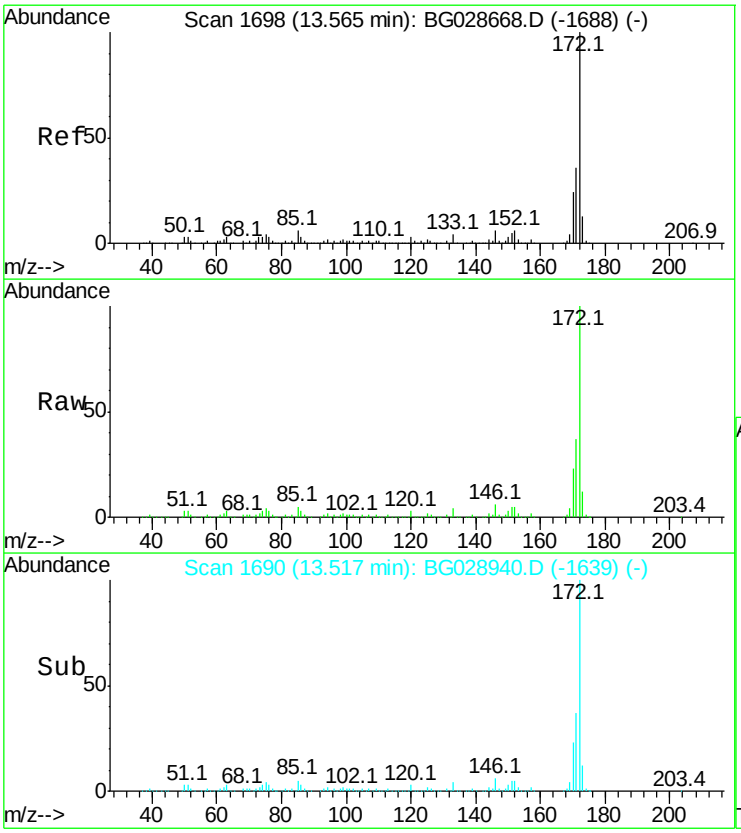
#41
2,4,6-Tribromophenol
Concen: 126.525 ng
RT: 16.38 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BG028940.D
Acq: 26 Sep 2017 12:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 146178

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	31.6	32.1	48.1#

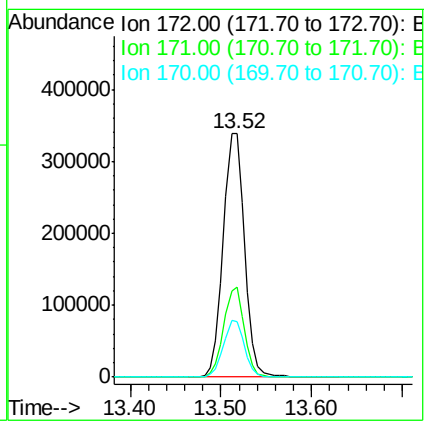


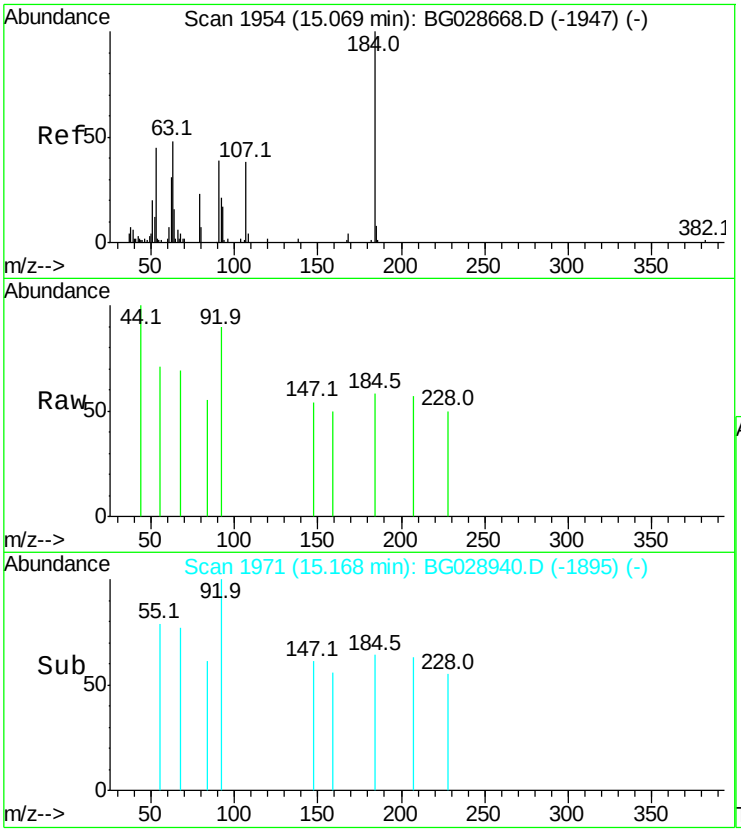


#44
2-Fluorobiphenyl
Concen: 105.856 ng
RT: 13.52 min Scan# 1690
Delta R.T. 0.00 min
Lab File: BG028940.D
Acq: 26 Sep 2017 12:28

Tgt Ion:172 Resp: 554540

Ion	Ratio	Lower	Upper
172	100		
171	36.8	32.2	48.2
170	22.5	21.8	32.6



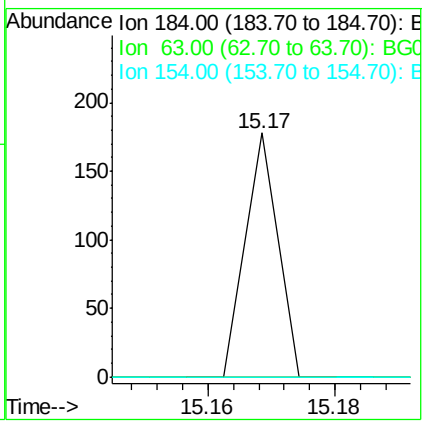


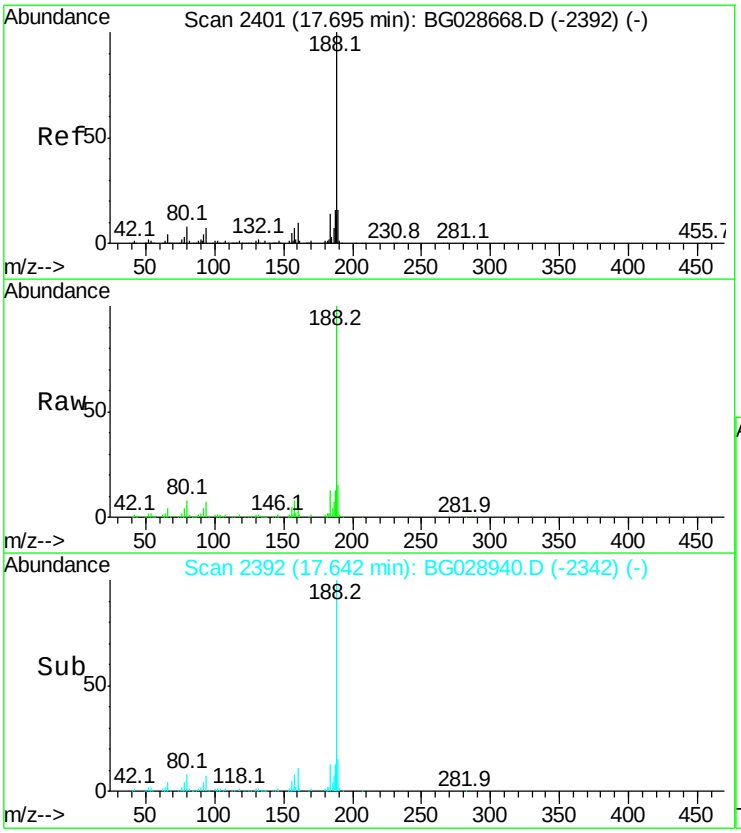
#53
2,4-Dinitrophenol
Concen: 8.084 ng
RT: 15.17 min Scan# 1971
Delta R.T. 0.15 min
Lab File: BG028940.D
Acq: 26 Sep 2017 12:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 63

Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.7	79.1#
154	0.0	57.3	85.9#

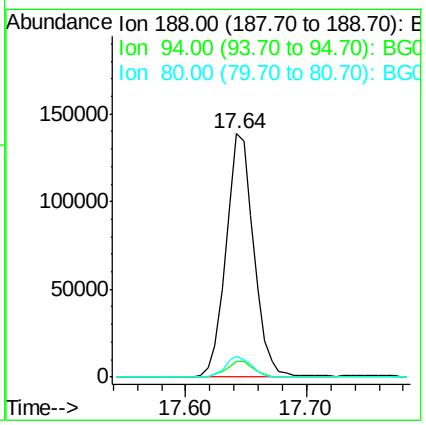


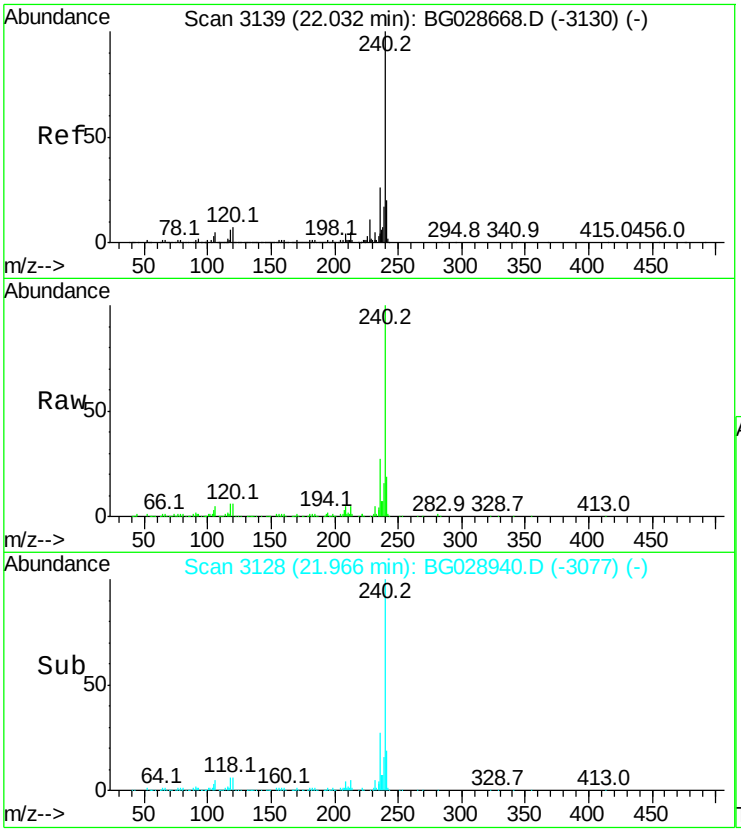


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BG028940.D
Acq: 26 Sep 2017 12:28

Tgt Ion:188 Resp: 220943

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.8	8.8
80	8.4	7.5	11.3



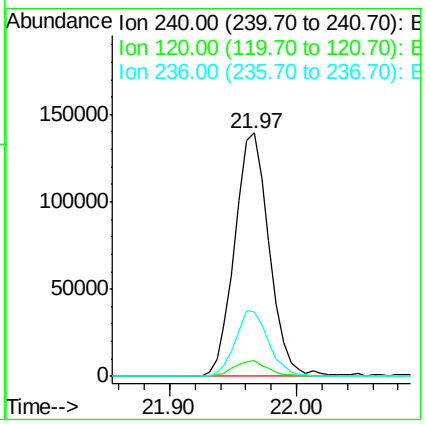


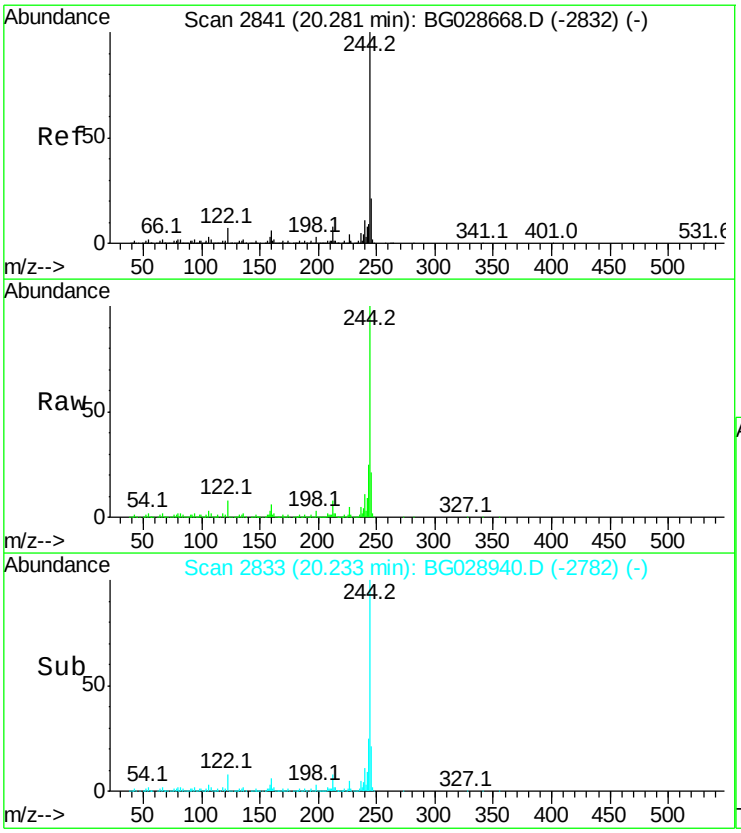
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.97 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BG028940.D
Acq: 26 Sep 2017 12:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 263258

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.7	8.5
236	26.7	22.2	33.4

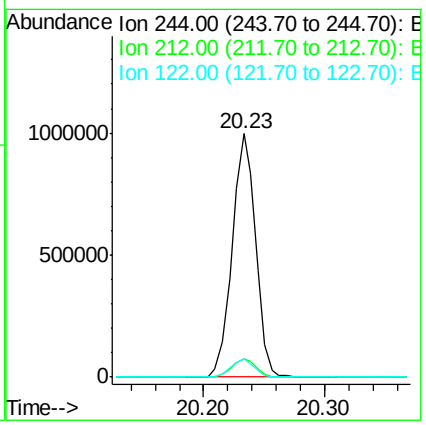


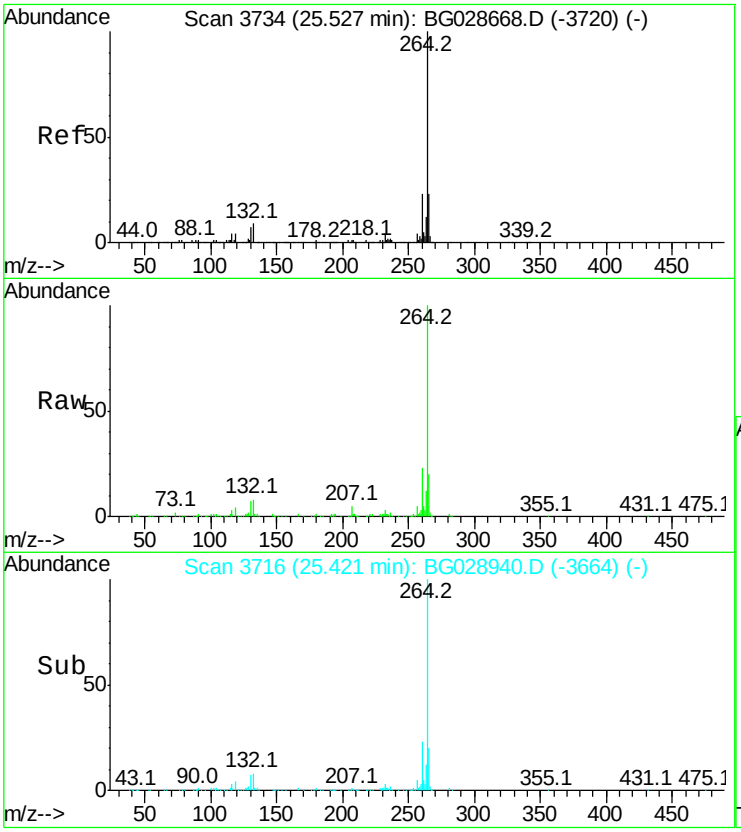


#78
Terphenyl-d14
Concen: 109.111 ng
RT: 20.23 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BG028940.D
Acq: 26 Sep 2017 12:28

Tgt Ion:244 Resp: 1346934

Ion	Ratio	Lower	Upper
244	100		
212	7.7	10.0	15.0#
122	7.6	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.42 min Scan# 3716
Delta R.T. 0.01 min
Lab File: BG028940.D
Acq: 26 Sep 2017 12:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 271716

Ion	Ratio	Lower	Upper
264	100		
260	23.0	21.8	32.8
265	20.2	18.2	27.4